Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 23 Sep 2021 until 23:59 on Friday 24 Sep 2021

Forecast Issued on Thursday 23 Sep 2021 at 02:01

Confidence: High for spell of strong winds, low confidence in extent of cloud and precipitation.

Headline for Thursday 23 Sep 2021: Mostly cloudy but largely dry. Strong winds easing later.

Mountain weather hazards on Thursday 23 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Mist	Sunny intervals	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
30%	10%	10%	10%	10%	20%

Forecast for Thursday 23 Sep 2021

Weather: A cloudy start with perhaps some patchy rain and drizzle. Cloud steadily lifting during the morning, allowing a few bright spells to develop, most likely towards the east of the park. Remaining cloudy but largely dry in the evening. Very windy throughout the day, gradually easing into the evening.

Chance of cloud free mountain/hill tops above 600m: 30-40% increasing to 80-90% by mid-morning.

Visibility: Possibly poor at first with cloud base 500-600m. Largely good from mid-morning.

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Mountain Weather Forecast

Forecast for Thursday 23 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/40 W	30/39 W	27/35 W	19/25 W	16/21 W	17/22 W	21/28 SW
300	23/31 W	22/31 W	21/29 W	15/21 W	10/16 W	10/14 SW	12/21 SW
Valley	15/31 W	15/29 W	16/29 W	12/22 W	8/16 W	6/13 SW	7/19 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/7	10/5	11/6	11/8	10/8	10/7	10/6
300	14/10	13/9	14/10	14/11	13/11	12/11	12/10
Valley	14/12	14/11	15/12	15/13	14/13	13/12	12/11
Freezing Level*	3400m	3400m	3200m	3400m	3200m	3100m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A strong wind will make it feel cold, particularly on exposed western facing slopes. Feeling more pleasant from late afternoon as the wind eases and some sunny spells develop.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 23 Sep 2021	0mm	0.2mm	1mm

Forecast for Friday 24 Sep 2021

Weather: Patchy low cloud across the park during the morning, with more fair weather cloud developing during the afternoon. Possibly some outbreaks of drizzle at times, most likely towards the north west, whereas sunny spells are more likely towards the southeast of the park.

Maximum wind: Westerly 20-25mph gusting 30-40mph

Chance of cloud free mountain/hill tops above 600m: 20-30% northwest, 40-50% southeast.

Visibility: Poor at times in low cloud base 400-600m and outbreaks of drizzle. Moderate to good outside of cloud and drizzle.

Temperature: **Valleys:** Plus 11 Celsius increasing to 20 Celsius.
At 600m: Plus 12 Celsius increasing to 15 Celsius.
Freezing level: Above summits

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